

Fig. 1

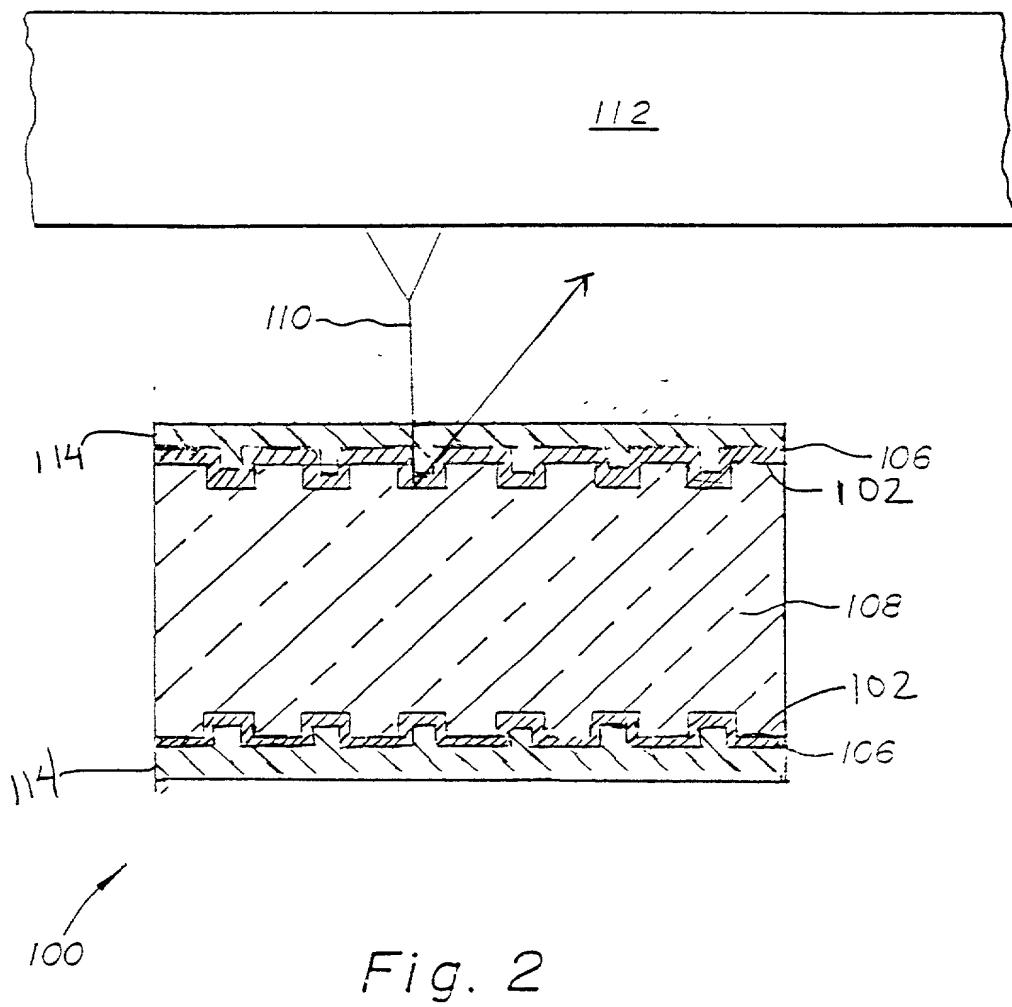
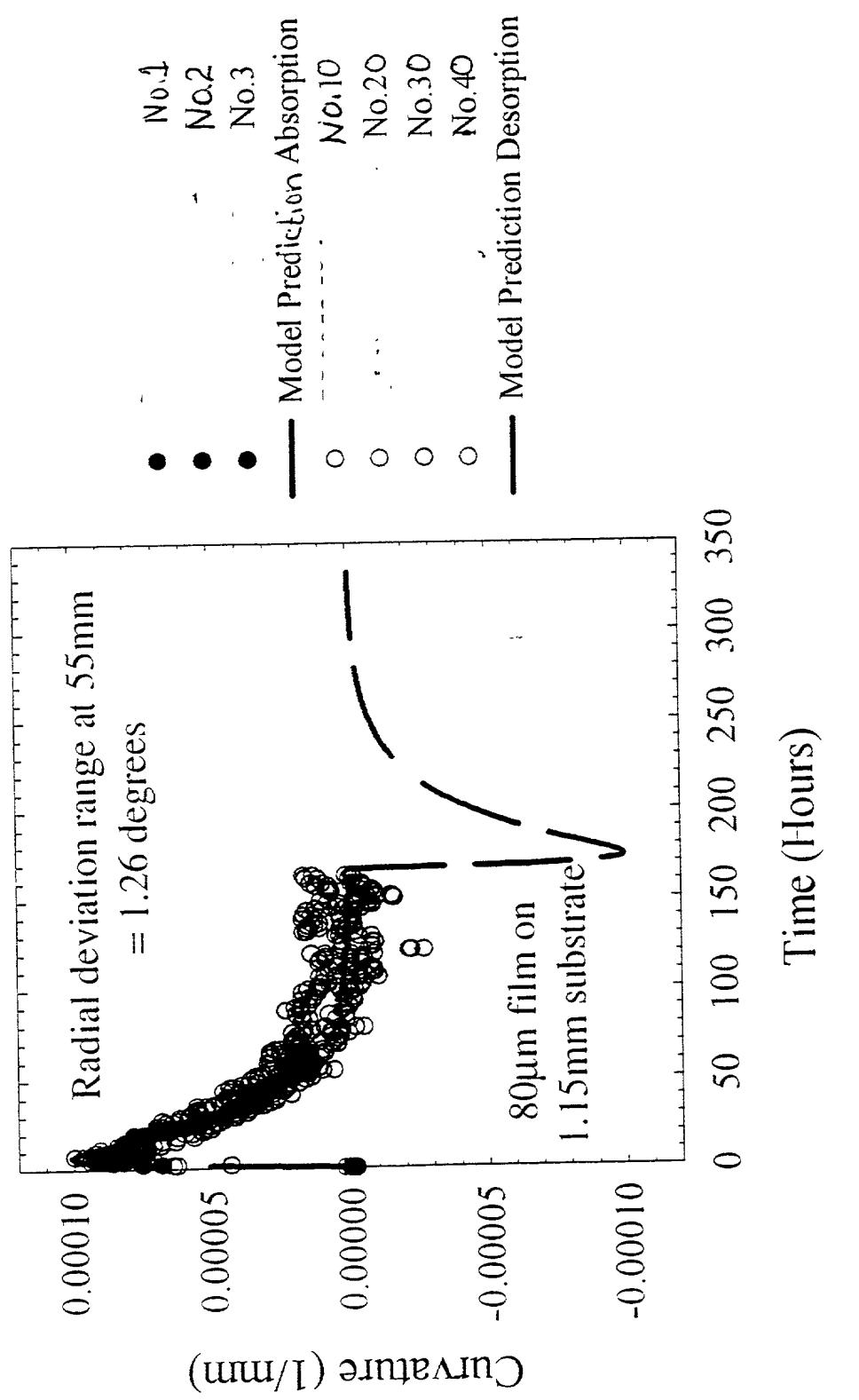


Figure 3

25°C and 50% rh - 25°C and 90% rh - 25°C and 50% rh



Radial Deviation (deg) = 360.Curvature.radius/π

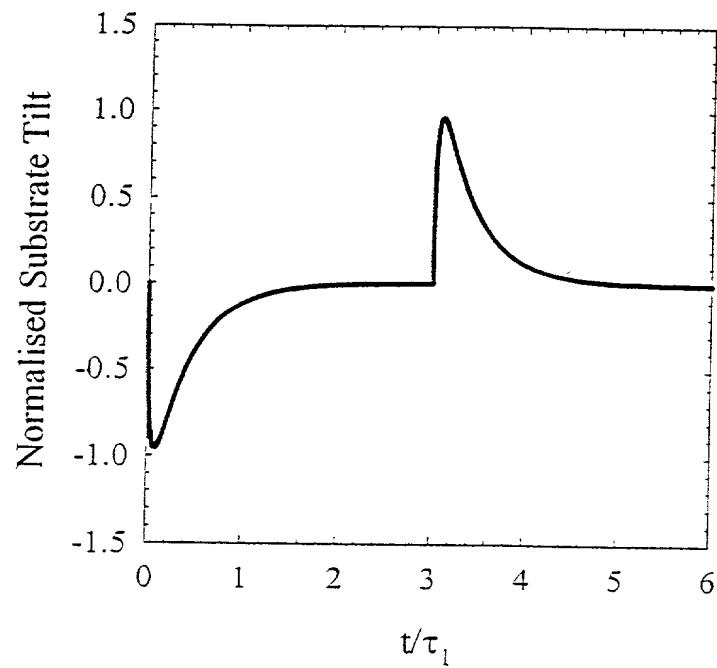


FIGURE 4

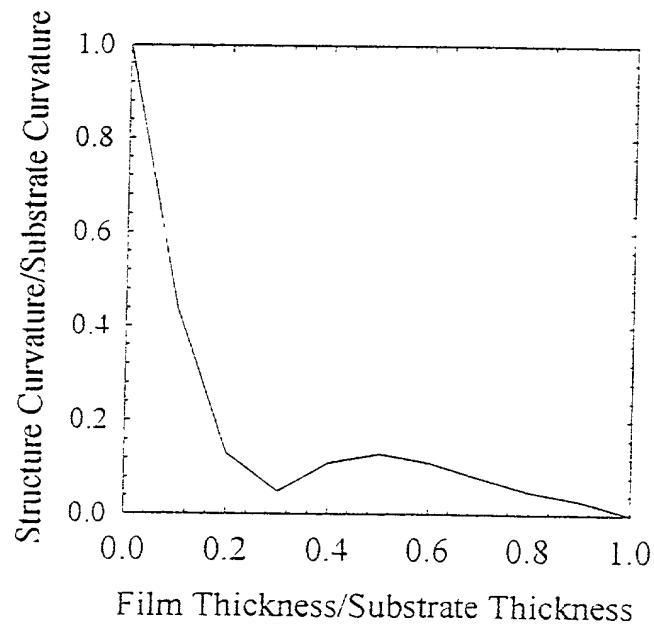


FIGURE 5

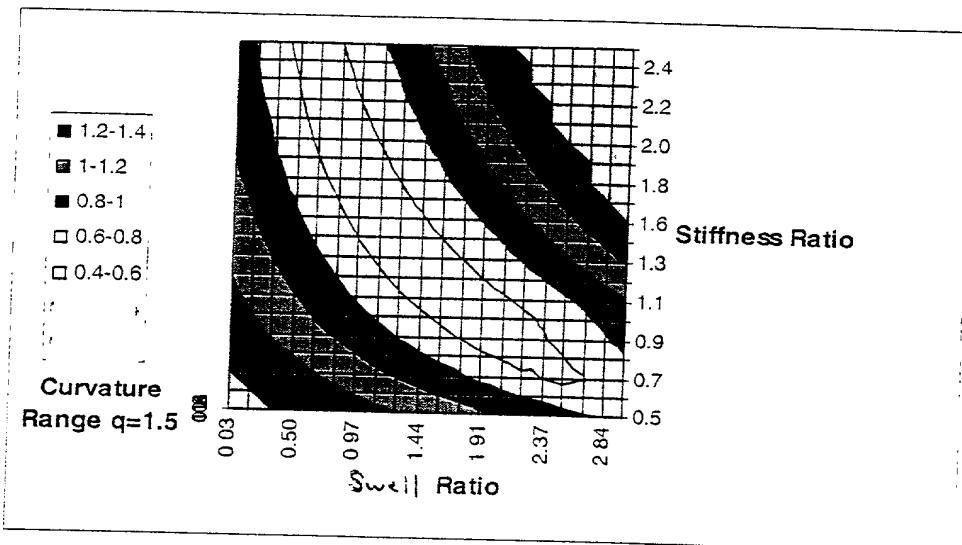


Figure 6. Curvature Ratio Contour Map at a diffusion ratio of 1.5.

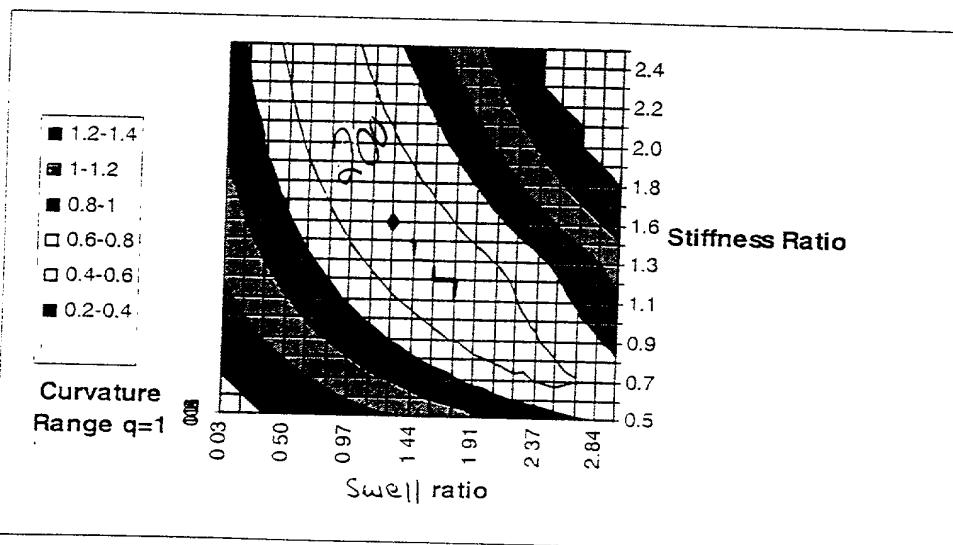


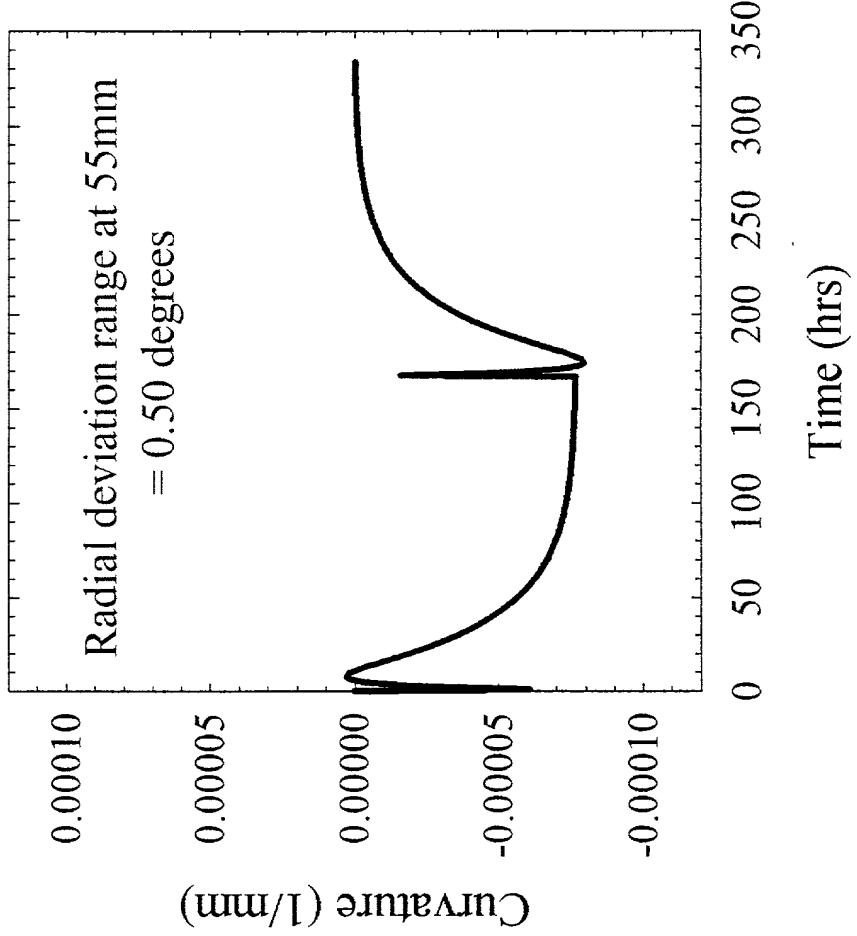
Figure 7. Curvature Ratio Contour Map at a diffusion ratio of 1.

# Figure 8

## Mismatched System - identical substrate

25°C and 50% rh - 25°C and 90% rh - 25°C and 50% rh

Film Ratios			
Thickness	$\rho$	0.070	
Stiffness	$\gamma$	1.39985496	
Swell	$\delta$	1.9999845	
Diffusivity	$q$	0.930049	



60% reduction in  
radial deviation range